



**Department of Energy**  
Argonne Area Office - West  
P.O. Box 2528  
Idaho Falls, Idaho 83403-2528  
January 13, 2004

Mr. Daryl Koch, Manager  
Remediation Program  
Idaho Department of Environmental Quality  
1410 North Hilton  
Boise, Idaho 83706

Mr. Nicholas Ceto  
INEEL Project Manager  
EPA Region 10  
712 Swift Blvd. Suite 5  
Richland, WA 99352

SUBJECT: TRANSMITTAL OF **SOIL VERIFICATION SAMPLING RESULTS** FROM  
FOUR **SITES** AT ARGONNE NATIONAL LABORATORY-WEST.  
(OPERABLE UNIT 9-04)

Dear Mr. Koch and Mr. Ceto:

Enclosed are copies of **soil** verification sampling results for four sites at Argonne National Laboratory-West (Operable Unit 9-04). These sites are designated ANL-01, ANL-01A, ANL-35, and ANL-09. The four sites underwent phytoremediation from **1999** to **2002**.

Based on the analytical results, it is our position that remediation goals for sites ANL-01A and ANL-09 have been met. Portions of the ditch sites ANL-01 (Ditch A), and ANL-35 (Industrial Waste Lift station Discharge Ditch) show levels of contaminants that are **still** above remediation goals established in the OU 9-04 ROD. Specifically, a portion of Ditch A **has** residual mercury contamination above the remediation goal of 0.74 ppm, and a portion of ANL-35 has residual silver contamination above the remediation goal of **112** ppm. Both ANL-01 and ANL-35 pose unacceptable risks to ecological receptors **only**.

Our current plan is to implement the contingent remedy in the ROD and excavate and dispose of those ditch portions that exceed the remediation goals. This work is planned for FY 04 after the Explanation of Significant Difference (ESD) process is completed.

Please contact Scott Lee of ANL-W at **208-533-7829**, or Greg Bass of DOE-AAO-W at **208-533-7184**, if you have questions regarding these results.

Sincerely,

  
Mark M. Holzmer, Team Leader  
Argonne Area Office-West

Enclosure:  
As stated

**cc:**

**R. Benedict, ANL-W, w/o encl.**  
**K. Hain, DOE-ID, w/o encl.**  
**A. Harvey, AAO, w/o encl**  
**S. Heston, DOE-CH, w/o encl.**  
**M. Jeffers, IDEQ, w/encl.**  
**S. Lee, ANL-W, w/o encl.**  
**T. Miller, ANL-W, w/o encl.**  
**M. Wilkening, EPA Region 10, w/encl.**

THIS ATTACHMENT WAS NOT  
AVAILABLE TO ARDC.

INITIAL gf

DATE 1/26/04